

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method, for use in calibrating a liquid microlens with a droplet of conducting liquid, said method comprising:

moving a droplet of conducting liquid of a tunable liquid microlens to a calibrated position located above a first set of electrodes of the tunable liquid microlens, including:

applying a first set of voltages between a first set of electrodes to move the droplet to a different position than the calibrated position passing a first constant voltage over a plurality of electrodes; and

applying a second set of voltages to a second set of electrodes to return the droplet to the calibrated position, and wherein the first set of electrodes and the second set of electrode lay in a different lateral planes relative to the droplet passing at least a second constant voltage over a second plurality of electrodes in order to cause said droplet to move to a nominal position.

2. (Currently Amended) The method of claim 1, wherein each pair of voltages between individual pairs of the second set of electrodes are all a same voltage wherein the voltage passed over each electrode in said second plurality of electrodes is the same.

3. (Original) The method of claim 2, wherein the same voltage between individual pairs of the second set of electrodes is greater than an applied voltage between the conducting liquid and an electrical conducting layer of the tunable liquid microlens that the conducting liquid contacts wherein the voltage passed over each electrode in said second plurality of electrodes is not the same.

4. (Currently Amended) The method of claim 1, wherein the calibrated position of the

droplet corresponds to a central location above the second set of electrodes wherein said second constant voltage is greater than a voltage on said droplet of conducting liquid.

5. (New) The method of claim 1, wherein the first set of electrodes are located in a first layer of a substrate that the droplet is disposed on and the second set of electrodes are located in a second layer of the substrate that is below the first layer.

6. (New) The method of claim 1, wherein the individual electrodes of the first set of electrodes, or the second set of electrodes, are wedge shaped wherein a lateral width of the electrode narrows with an increasing lateral distance away from a central location of the microlens.